

Unit 79: Visual Field Assessment

Level:	3
Unit type:	Optional (Ophthalmology)
Credit value:	5
Guided learning hours:	40

Unit summary

The aim of this unit is to ensure that you can apply knowledge, understanding and skills to perform a visual field assessment. You will develop your skills with respect to patient-centred compassionate care. You will be expected to build your patient-centred professional practice to enable you to safely undertake this skill in the workplace.

Unit assessment requirements

There are no specific assessment requirements for this unit. Please refer to the assessment strategy in *Annexe B*.

Additional information

AC2.5 includes:

- operator error
- ocular conditions
- compliance of individual.

Learning outcome 3 includes the following.

- communicating effectively with the individual and carer/s, confirming individual's identification, explaining personal role and nature and purpose of procedure at a level appropriate to the individual/carer's understanding and ensuring individual has opportunity to explain any problems or difficulties
- identifying any special needs, e.g., age, sensory impairment, physical disability, learning disability, cognitive dysfunction, and adapting communication style and testing methods to meet these needs
- adjusting equipment for individual's refractive error as required and explain the consequences if this is not done
- obtaining verbal consent from individual/carer
- maintaining confidentiality of individual: auditory, written and electronic
- demonstrating effective infection control practices according to local protocols

- demonstrating, as required, procedures for calibration and maintenance of equipment
- ensuring equipment is working correctly
- ensuring room lighting is appropriate for test.

AC3.1 includes:

- the accurate recording of corrected visual acuity and current optical prescription.

AC3.2 includes:

- current optical prescription
- individual's age.

AC3.7 includes:

- selecting appropriate test parameters according to individual's age, cooperation, ability and eye condition
- information in line with national and local policy and protocol, noting individual's responses and any difficulties with compliance
- evaluating results and describing how to report any issues of concern to the appropriate person.

Learning outcomes and assessment criteria

To pass this unit, learners need to demonstrate that they can meet all the learning outcomes for the unit. The assessment criteria outline the requirements that the learner is expected to meet **in own area of work and in accordance with Standard Operating Procedures (SOPs)** to achieve the learning outcomes and the unit.

Learning outcomes		Assessment criteria		Evidence type	Portfolio reference	Date
1	Understand the structure and functioning of the visual system relevant to the assessment of visual field	1.1	Explain the extent of the normal unocular and binocular visual field and the location of the blind spot			
		1.2	Explain retinal light sensitivity across the visual field with the concept of the 'island or 'hill' of vision			
		1.3	Explain the concept of scotoma, including relative and absolute scotoma			
		1.4	Discuss the types of scotoma that can occur with different conditions affecting the visual field			

Learning outcomes		Assessment criteria		Evidence type	Portfolio reference	Date
2	Understand the principles and methods of visual field testing	2.1	Explain the principles of automated perimetry			
		2.2	Explain the term 'isopter' and the relationship between isopter, target size and brightness			
		2.3	Discuss different strategies and programmes used for threshold and screening automated static perimetry and their clinical indications			
		2.4	Describe reliability indices, their methods, purpose and limitations			
		2.5	Explain sources of error and artefact in visual field assessment and how to overcome them, including operator error, ocular conditions, and patient compliance			

Learning outcomes		Assessment criteria		Evidence type	Portfolio reference	Date
3	Be able to perform visual field assessments	3.1	Ensure all pre-test procedures for visual field assessment are completed			
		3.2	Enter relevant information, including current optical prescription and patient's age prior to commencement of test			
		3.3	Control infection risks in accordance with workplace protocols			
		3.4	Provide clear and concise instructions to the patient			
		3.5	Monitor the patient throughout to obtain to obtain required fixation and concentration throughout testing			
		3.6	Ensure appropriate test conditions including illumination and test distance and occlusion of non-tested eye			
		3.7	Ensure that appropriate optical prescription is used and positioned correctly for test performance			
		3.8	Evaluate patient responses and alter testing strategies as indicated, selecting appropriate test parameters according to the patient's age, co-operation, ability and eye condition			
		3.9	Record and document test results			

Learning outcomes		Assessment criteria		Evidence type	Portfolio reference	Date
		3.10	Evaluate results, reporting any issues of concern to the appropriate person			

Learner name: _____

Date: _____

Learner signature: _____

Date: _____

Assessor signature: _____

Date: _____

Internal verifier signature: _____

Date: _____

(if sampled)